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August 21, 2000

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

Re: U.S. Patent Application Serial Number 09 529,205
Title: HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAs
ENCODING THESE PROTEINS
Inventors: Kato, Seishi et al.
Filed: April 7, 2000
Attorney Docket No.:GIN-6712CPUS

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO EO-US) (Form PCT DO EO 905);
2. Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (in duplicate);
3. Executed Declaration, Petition and Power of Attorney for Patent Application;
4. Request For Two-Month Extension of Time (in duplicate);
5. Check No. 038562 for \$380.00 (extension fee) and Check No. 038567 for \$130.00 (surcharge); and
6. A prepaid Acknowledgment Postcard.

Please charge any necessary fees or credit any overpayments to our Deposit Account No. 12-0080. For this purpose, a duplicate of this sheet is enclosed.

"Express Mail" mailing label number 11589753189US
Date of Deposit August 21, 2000
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231
Larry Taylor
Comptroller

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By *Chi Suk Kim*
Chi Suk Kim, Esq.
Reg. No. 42,728
28 State Street
Boston, MA 02109

2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seishi Kato et al.

Serial No.: 09/529,205

I.A. Filing Date: April 7, 2000

For: HUMAN PROTEINS HAVING TRANSMEMBRANE
DOMAINS AND DNAs ENCODING THESE PROTEINS

Attorney Docket No.: GIN-6712CPUS

Group Art Unit:

Examiner:

Assistant Commissioner for Patents
Box PCT
Washington, D.C. 20231

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER
35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

Dear Sir:

Responsive to the *Notification of Missing Requirements Under 35 U.S.C. 371* dated May 22, 2000, Applicants' attorney submits herewith the executed Declaration, Petition and Power of Attorney for Patent Application for the above-identified patent application. A check in the amount of \$130.00 (Check No. 038567), based on large entity status, is enclosed to cover the surcharge under 37 C.F.R. §1.492(e). A copy of Form PCT/DO/EO/905 is also enclosed. A separate petition for an appropriate extension of time is also submitted concurrently herewith. Therefore, a check in the amount of \$380.00 (Check No. 038562), based on large entity status, is enclosed.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 12-0080. *For this purpose, a duplicate of this letter is enclosed.*

"Express Mail" mailing label number F1589753189US

Date of Deposit August 21, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Harry Taylor

LAHIVE & COCKFIELD, LLP
Attorneys at Law

By *Chi Suk Kim*
Chi Suk Kim, Esq.
Reg. No. 42,728
28 State Street

Date: August 21, 2000

09/529 205



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Box PCT

Washington, D.C. 20231

U.S. APPLICATION NO. 09/529,205	FIRST NAMED APPLICANT AMY E. MANIRAGOURAS	ATTY. DOCKET NO. PCT/DO/EO/95
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AMY E. MANIRAGOURAS
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DOCKETED

June 22, 2000 - Miss. Requirements
Mar 22, 2000 - E.S.P. w/s Max.

INTERNATIONAL APPLICATION NO. PCT/JP98/004475
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I.A. FILING DATE 10/05/98	PRIORITY DATE 10/08/97
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DATE MAILED

05/22/00

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),
☒ an Elected Office (37 CFR 1.495):

☒ U.S. Basic National Fee.

☒ Copy of the international application in:

- ☐ a non-English language.
☒ English.

☒ Translation of the international application into English.

☐ Oath or Declaration of inventors(s) for DO/EO/US.

☐ Copy of Article 19 amendments.

☐ Translation of Article 19 amendments into English.

☒ The International Preliminary Examination Report in English and its Annexes, if any.

☐ Translation of Annexes to the International Preliminary Examination Report into English.

☐ Preliminary amendment(s) filed _____ and _____.

☐ Information Disclosure Statement(s) filed _____ and _____.

☐ Assignment document.

☐ Power of Attorney and/or Change of Address.

☐ Substitute specification filed _____.

☐ Statement Claiming Small Entity Status.

☒ Priority Document.

☒ Copy of the International Search Report ☒ and copies of the references cited therein.

☐ Other:

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.

☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.

- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).

- ☐ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

☒ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.

- ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time to the _____.

4.4(d) or 30 (37 CFR 1.495(d)) months from the priority date

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the _____.

Copy of this notice MUST be returned with this response.

☒ PCT/DO/EO/95 ☐ Notice of Defective Translation

☐ PTO-875

FORM PCT/DO/EO/95 (December 1997)

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